

4-27-04

2841
PATENT APPLICATION

ATTORNEY DOCKET NO. 10015588-1

APR 26 2004
O P C 84
PATENT & TRADEMARK OFFICE
IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Jeffrey L. Deeney

Confirmation No.: 5995

Application No.: 09/992,864

Examiner: Hung S. Bui

Filing Date: 11/16/01

Group Art Unit: 2841

Title: METHOD AND APPARATUS FOR SUPPORTING CIRCUIT COMPONENT HAVING
SOLDER COLUMN ARRAY INTERCONNECTS USING INTERPOSED SUPPORT SHIMS

Commissioner for Patents

PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
() No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")
() Other: Return Postcard. (fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$18	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EV406076670US

Respectfully submitted,

Jeffrey L. Deeney

By Roland A. Fuller III

Roland A. Fuller III

Attorney/Agent for Applicant(s)
Reg. No. 31,160

Typed Name: Jennifer Yapo

EV 406 076 670 US Date: 4/26/04

Telephone No.: (248) 641-1600

- Attach as First Page to Transmitted Papers -



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/992,864

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Applicant: Jeffrey L. Deeney

Group Art Unit: 2841

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Title: METHOD AND APPARATUS FOR SUPPORTING
CIRCUIT COMPONENT HAVING SOLDER COLUMN
ARRAY INTERCONNECTS USING INTERPOSED
SUPPORT SHIMS

Attorney Docket: 10015588-1

Director of The United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

RESPONSE

Sir:

In response to the Office Action mailed February 19, 2004, please consider
the remarks set forth below.

A listing of the Claims begins on page 2 of this paper.

Remarks begin on page 7 of this paper.